

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1.-7. (canceled)

8. (currently amended) A storage system coupled to a host, the storage system comprising:

at least one data unit;

a clock configured to provide a current time, wherein the current time is used to [[enforce]] be compared with a [[content]] retention [[period]] time of the at least one data unit to prevent the host from overwriting data stored in the at least one data unit before the retention time;

a memory configured to store clock management information; and

a storage access program configured to:

receive a proposed new time for the clock;

determine whether a difference between the current time and the proposed new time [[is reasonable]] falls within a specific range [[using]] based on the clock management information; and

adjust the current time of the clock to the proposed new time if it is determined that the [[proposed new time is reasonable]] difference falls within the specific range.

9. (currently amended) The storage system of claim 8 wherein the storage access program is further configured to prevent adjustment of the clock to the proposed new time if it is determined that the proposed new time is unreasonable the difference does not fall within the specific range.

10. (currently amended) The storage system of claim 8 wherein the ~~storage access program is further configured to determine whether the proposed new time falls within a specific range; and~~ at least one data unit is configured by a plurality of disk drives.

~~wherein if the proposed new time falls within the specific range, the proposed new time is determined to be reasonable.~~

11. (currently amended) The storage system of claim ~~[[10]]~~ 8 wherein the clock management information includes a table having a plurality of maximum adjustable time ranges; and

wherein the specific range is selected from the plurality of maximum adjustable time ranges.

12. (original) The storage system of claim 11 wherein the plurality of maximum adjustable time ranges are calculated using a statistical method.

13. (currently amended) The storage system of claim 11 wherein the clock management information further includes a last adjustment time, the last adjustment time representing the time that the clock was last adjusted; and

wherein the storage access program is further configured to ~~determine whether the proposed new time is reasonable using the last adjustment time, the current time and the specific range~~ calculate a difference between the current time and the last adjustment time to select the specific range from the plurality of maximum adjustable time ranges.

14.-19. (canceled)

20. (currently amended) A method for managing clock adjustment in a storage system, the storage system having a clock providing a current time for ~~enforcing a content retention period~~ managing a retention time of at least one data unit, the method comprising:

receiving a proposed new time for the clock;

determining whether a difference between the current time and the proposed new time [[is reasonable]] falls within a specific range; and

adjusting the current time of the clock to the proposed new time if it is determined that the [[proposed new time is reasonable]] difference falls within the specific range.

21. (currently amended) The method of claim 20 further comprising:
preventing adjustment of the clock to the proposed new time if it is determined that the [[proposed new time is unreasonable]] difference does not fall within the specific range.

22.-23. (canceled)

24. (currently amended) The method of claim [[23]] 20 wherein the specific range is calculated using a statistical method.

25. (currently amended) The method of claim ~~22 wherein determining whether the proposed new time falls within the specific range further comprises~~ 20 further comprising:

~~calculating a first difference between the proposed new time and the current time provided by the clock;~~

calculating a [[second]] difference between the current time provided by the clock and a last adjustment time to select the specific range, the last adjustment time representing the time which the clock was last adjusted[[;]].

~~selecting the specific range based on the second difference; and~~

~~comparing the first difference and the specific range;~~

~~wherein if the first difference is less than or equal to the specific range, the proposed new time is determined to be reasonable.~~

26.-34. (canceled)